

Converting Colors

Hex(C4D095)

Have a look what the booklet for
Hex(C4D095) contains.

Hex(C4D095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4D095)

Conversions

Conversions Part 1

Format	Color
Hex	C4D095
RGB	196, 208, 149
RGB Percent	77%, 82%, 58%
CMY	0.2314, 0.1843, 0.4157
CMYK	0.06, 0.00, 0.28, 0.18
HSL	72°, 39%, 70%
HSV	72°, 28%, 82%
XYZ	50.7456, 59.0174, 37.1507
YIQ	197.6860, 11.7870, -20.8930

Conversions

Conversions Part 2

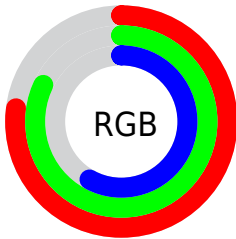
Format	Color
RYB	149, 208, 161
Decimal	12898453
CIELab	81.30, -13.78, 28.01
CIElCh	81, 31.212, 116.195
Yxy	59.0174, 0.3454, 0.4017
Android (android.graphics.Color)	4291088533 (0xFFC4D095)
YUV	197.6860, -24.0022, -1.4786
Hunter-Lab	76.8228, -16.5310, 25.1040

Details

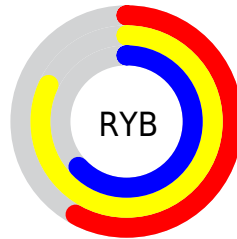
The Hex color **C4D095** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A195D0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FDFFCB**, and **8E9A62** is the 20% darker color. If you saturate the color by 10%, you get **C0D080**, and if you desaturate by 10%, it is **C8D0AA**.

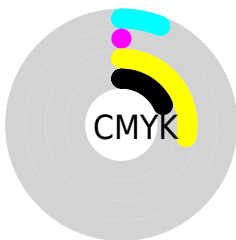
Distribution



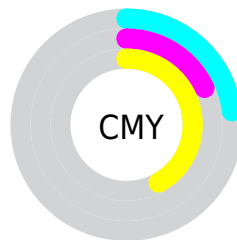
- Red (77%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (63%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4D095 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C4D095 by changing the saturation by 10% instead.

 C4D095

FFFFFF

 FDFFCB

 FFFF E8

 C4D095

 A8B47B

 8E9A62

 748049

 5A6732

 424F1B

 2B3803

 152200

 000900

 000000

 C4D095

 C4D095

 C0D080

 C8D0AA

 BCD06B

 CCD0BF

 B7D057

 D1D0D3

 B3D042

 D5D0E8

 AFD02D

 D9D0FD

 ABD018

 DDD0FF

 A6D003

 E2D0FF

 A6D000

 E6D0FF

 EAD0FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E3C790



C4D095



A2D7A9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C4D095



7CD6FA



FFB5CF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C4D095



A195D0

Split Complementary

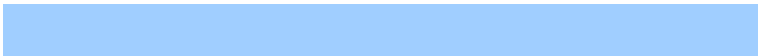
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ECBAEB



C4D095



A0CEFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4D095



71DAE3



C9C4FE



FFB6B2

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4D095



8DD9BB



C9C4FE



FBB6D9

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C4D095



FAFFE8



D0A195



7D8071



000000



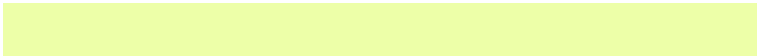
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C4D095



EDFFA8



A7D095



66695E



86A800



212900

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A195D0



BAA8FF



BE95D0



605E69



2200A8



080029

Previews

White Background



This preview shows how the Hex color C4D095 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C4D095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

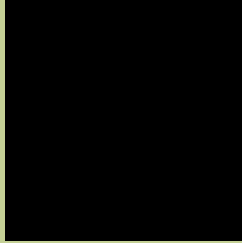
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C4D095 Background



This preview shows how black text looks on a background with the Hex color C4D095.

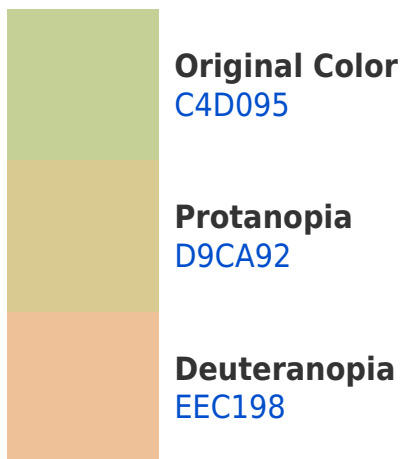


This preview shows how white text looks on a background with the Hex color C4D095.

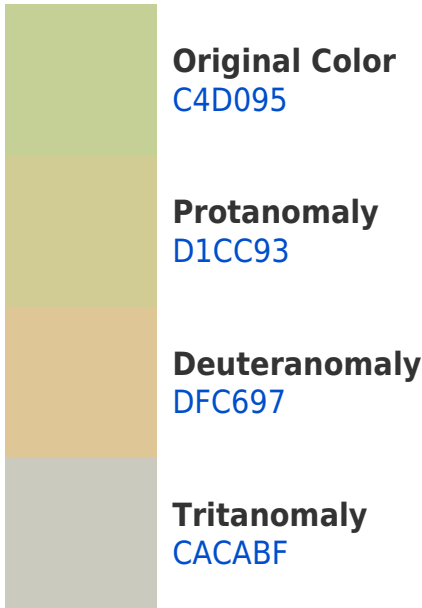
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

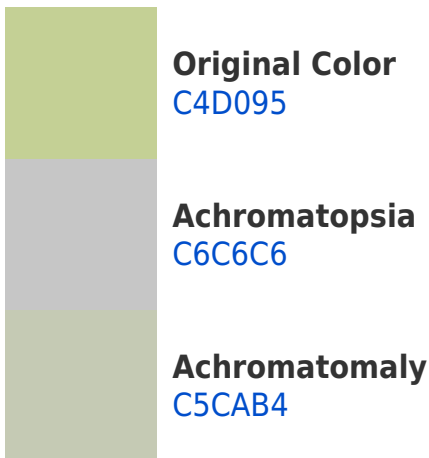
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4D095 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C4D095 looks like.

```
.text, #text, p{  
    color:#C4D095  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C4D095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D095
}
```

Border

The CSS property to change the border of an element to Hex C4D095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4D095 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C4D095 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C4D095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D095; -webkit-box-shadow:4px 4px  
4px 4px #C4D095; box-shadow:4px 4px 4px  
4px #C4D095 }
```

Background

The CSS property to change the background color of an element to Hex C4D095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D095 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C4D095 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor